

ABSTRACT

This invention provides a separator for electrical or electronic parts which is characterized in that the increase ratio in internal resistance of the separator before and after its heat treatment at 300°C for 45 minutes is within 25%, where the internal resistance is calculated according to the following equation (1):

$$\begin{aligned} \text{(internal resistance)} = & \\ \{ & \text{(electrical conductivity of electrolytic solution/} \\ & \text{(electrical conductivity of electrolytic solution-injected} \\ & \text{separator)} \} \times \text{(thickness of separator)} \dots \dots \text{equation (1)} \end{aligned}$$

wherein (electrical conductivity when the electrolytic solution is injected into separator) is the electrical conductivity calculated from the AC impedance measured by sandwiching the electrolytic solution-injected separator between two electrodes..